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**AUTUMN**

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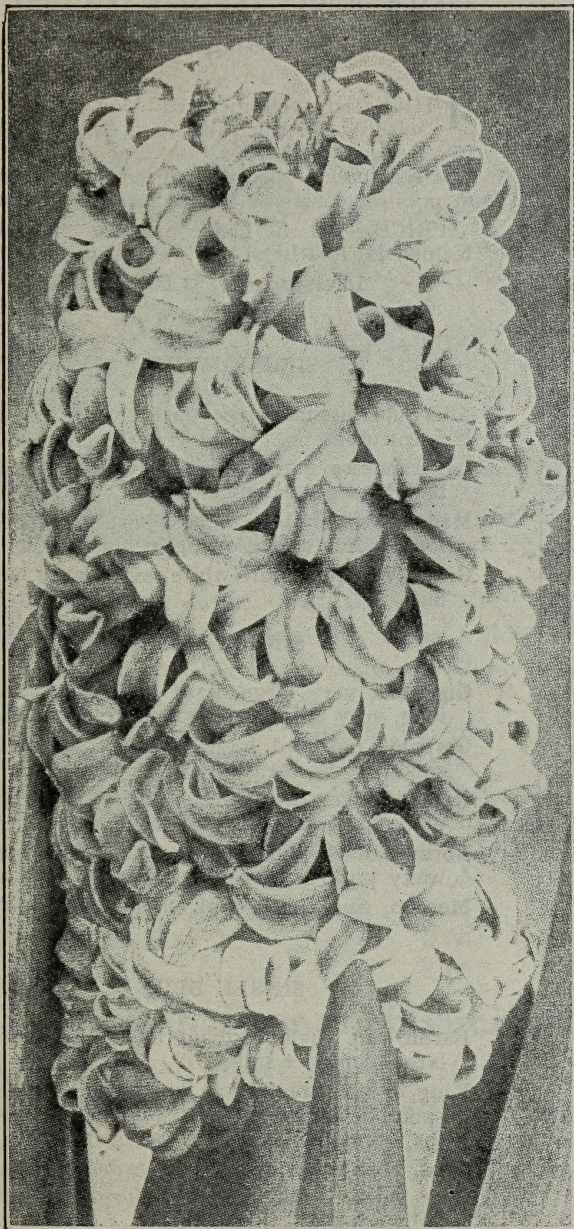


**St. Louis  
Seed  
Company**

**4TH STREET AND  
LUCAS AVENUE**



# HYACINTHS



**T**HE HYACINTH, the most popular and beautiful of all spring flowering bulbs, needs little if any introduction. By planting in succession you can have beautiful blooming flowers from the beginning of winter until the end of May. They can be massed in different colors, in varieties that grow the same height, giving a gorgeous effect that cannot be obtained in any other way. In the public parks, the cemeteries and the elaborate mansion lawns in St. Louis and other cities, you can see the results obtained from our famous "Gold Medal" Bulbs.

## FOR POT CULTURE

Plant from September until January, in pots filled with rich, sandy loam, together with a small quantity of fertilizer, set away in a cool, dark place for six weeks, watering occasionally. After the plant appears, move them to a light and warm room of about 60 degrees, and water frequently.

## FOR OUTDOOR CULTURE

Plant in fall from October until the ground is frozen. Select a well drained, sloping location, plant 4 inches deep and 7 inches apart, enriching the ground well with a good fertilizer before planting. Cover the beds with straw or straw manure to protect from freezing. The bulbs should not be removed from the ground after blooming, but left there for next year. The same beds may be planted with other plants for summer flowering.

In this way you can have the beds filled with flowers continually, from early spring till late in fall.

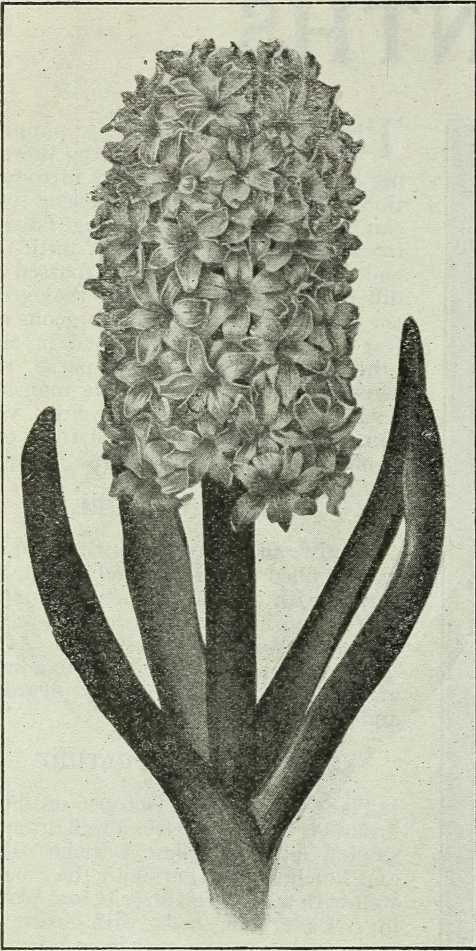
## NAMED VARIETIES

The choicest and most valuable kind for forcing in pots and for house culture, the following named varieties will produce larger and stronger spikes of bloom than any other known varieties.

## Depth of Planting Outdoors

Anemones.....2 inches deep, 6 inches apart.  
Crocus.....3 inches deep, 2 inches apart.  
Snowdrops.....4 inches deep, 3 inches apart.  
Scillias.....4 inches deep, 3 inches apart.  
Jonquils.....5 inches deep, 6 inches apart.

Tulips.....6 inches deep, 5 inches apart.  
Hyacinths.....6 inches deep, 7 inches apart.  
Narcissus.....7 inches deep, 12 inches apart.  
Lilies.....8 inches deep, 12 inches apart.



Hyacinths

**SINGLE YELLOW**

**King of the Yellows**, a very fine, pure yellow; not early, but tall and handsome spike.

**DOUBLE FLOWERED**

**Bouquet d'Orange**, a beautiful orange.

**Bouquet Royal**, very fine, white with yellow center.

**Blocksburg**, fine light blue, very large, compact spike.

**Lord Wellington**, the finest double pink.

# HYACINTHS

## Extra Select 1st Size Named—Single

**T**HE varieties enumerated below have been selected for their distinct coloring and free-flowering qualities, and are all selected first-size bulbs, specially suited for growing in pots or glasses or for high-grade bedding.

**PRICE.**—All the Extra Selected First-size Named Hyacinths at the uniform price of  
**15 cents each; \$1.50 per dozen**

**SINGLE WHITE**

**Alba Superbissima**, large, purest white flowers, fine truss.

**La Grandesse**, extra fine, pure white, splendid bells and grand spike.

**Madam van der Hoop**, almost pure white, good for bedding and growing in glass.

**Grand Vainquer**, pure white, extra large, very fine.

**SINGLE ROSE**

**Gigantea**, very large, light pink flower in a long, very large, compact spike, extra fine.

**Gertrude**, light red, large, compact, attractive spike, extra fine, early.

**Robert Steiger**, deep red, tall, good spike; popular old variety.

**Norma**, Blush pink with darker stripe, large, waxy pink bells.

**Moreno**, fine spike, pink shade, very early.

**SINGLE BLUE**

**Baron van Tuyll**, brilliant dark blue, early, large, compact spike.

**King of the Blues**, rich dark blue, compact spike, bells medium large, one of the finest for forcing or bedding.

**Chas. Dickens**, extra fine large bells, blue.

**Czar Peter**, a magnificent spike of beautiful light porcelain blue.

## Choice Named Hyacinths



**W**E also have all the above varieties in a second size which we can offer at a cheaper price and which will give fine flowers either for potting or for outdoor planting. They will make a finer show for outdoor planting than the mixed or bedding varieties listed page 3.

Price of any of above varieties in second size, **Each, 10c. Dozen, \$1.00.**

# BEDDING OR MIXED HYACINTHS



**W**E grow large quantities of these varieties, which are used mostly for out of door planting. The following are fine stock.

 If ordered sent by mail, add 10 cents per dozen additional for postage. 

## SINGLE MIXED

	Dozen	Per 100
Rose Shade.....	\$0 50	\$3 00
Red, all shades.....	50	3 00
Dark Red, all shades.....	50	3 00
Light Blue.....	50	3 00
Dark Blue.....	50	3 00
Blue, all shades.....	50	3 00
White, all shades.....	50	3 00
Yellow.....	50	3 00

## DOUBLE MIXED

	Dozen	Per 100
Red, all shades.....	\$0 50	\$3 50
Rose, all shades.....	50	3 50
Dark Red.....	50	3 50
Blue, all shades.....	50	3 50
Light Blue.....	50	3 50
Dark Blue.....	50	3 50
Pure White.....	50	3 50
Blush White.....	50	3 50
White, all shades.....	50	3 50
Yellow.....	50	3 50

## French Roman Hyacinths

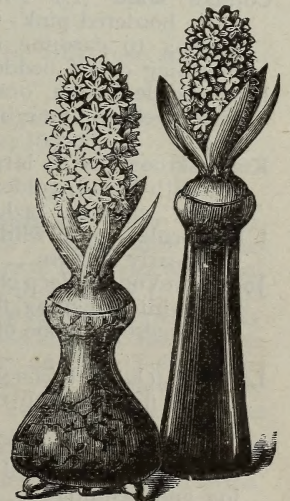
**W**E import direct the best strain of French Romans that can be grown, and special arrangements have been made for prompt and early delivery.

Price, 2 for 15 cents—75 cents per dozen.

## Hyacinth Glasses

**H**YACINTHS, when grown in glasses, are more easily handled and make a much prettier showing. Should be treated the same as when planted in pots. Glasses, either style (see cut) in blue, green, amber and wine colors.

Each, 20 cents. \$2.00 per dozen, assorted.



Hyacinth Glasses.

# TULIPS



Tulips

IT IS difficult to conceive of anything more beautiful than a bed of brilliant colored tulips. Their colorings add more to the beauty of a yard, with little or no cultivation or care, than any other known bulb, and we are sure nothing will give you more pleasure or enjoyment than a bed of these handsome blooming flowers. The culture of Tulips does not vary from that of Hyacinths. They are very hardy and require very little care or protection from the extreme cold weather. The favorite house bulbs are of the single variety. They bloom readily and during the mid-winter months are a constant source of joy and pleasure in the home.

## Single Early Tulips

	Doz.	100
<b>Artus</b> , deep red, fine bold flowers, very fine for forcing and bedding-----	\$0 30	\$1 75
<b>Belle Alliance</b> , true, large, brilliant scarlet, sweet scented, fine forcer and bedder-----	40	2 50
<b>Chrysolora</b> , large pure golden yellow, excellent for bedding; holds its color well-----	25	1 25
<b>Cottage Maid</b> ( <i>La Precieuse</i> ), white bordered pink; the pink shading to carmine rose; a charming dwarf bedder-----	25	1 25
<b>Duchesse de Parma</b> , orange-red, with yellow margin, very bright-----	30	1 75
<b>Keizerskroon</b> , extra large, deep red with broad, golden yellow border; effective bedder-----	35	2 00
<b>L'Immaculee</b> , pure white, large, very early flowers-----	25	1 25
<b>Joost van Vondel</b> , deep cherry red with white penciling, flowers of the largest size, one of the finest-----	35	2 00
<b>La Reine</b> ( <i>Queen Victoria</i> ), white faintly flushed with rose; fine forcer-----	30	1 50
<b>Rose Luisante</b> , beautiful white and rose, unsurpassed for forcing and bedding-----	40	2 75

	Doz.	100
<b>Yellow Prince</b> ( <i>Golden Prince</i> ) bright yellow, sweet scented, large and showy, fine for bedding-----	\$0 25	\$1 25
<b>White Hawk</b> , pure white, large size, excellent form and quite fragrant-----	40	2 50

### EARLY SINGLE MIXED

All good varieties for potting or outdoor use. Dozen 15 cents. 100 for \$1.00.		
<b>Pottebakker Scarlet</b> , bright scarlet, good forcer-----	\$0 40	\$2 50
<b>Pottebakker White</b> , early, fine form, large size, excellent forcer	30	2 00

### DUC VAN THOL TULIPS

These tulips are single-flowering and very early. Especially desirable for shallow fern dishes or small pots. Are very graceful, not growing over 7 inches in height. Are most desirable for indoor culture. May easily be had in bloom by Christmas.

<b>Duc van Thol Red</b> , yellow border, earliest red, small-----	Doz.	100
	\$0 35	\$2 25
<b>Duc van Thol White</b> , extremely early, popular for forcing-----	30	2 00
<b>Duc van Thol Yellow</b> , extremely early, good forcer-----	45	2 75
<b>Duc van Thol Scarlet</b> , brilliant scarlet, first early-----	35	2 25

## Selected Double Tulips

### Best Named Varieties

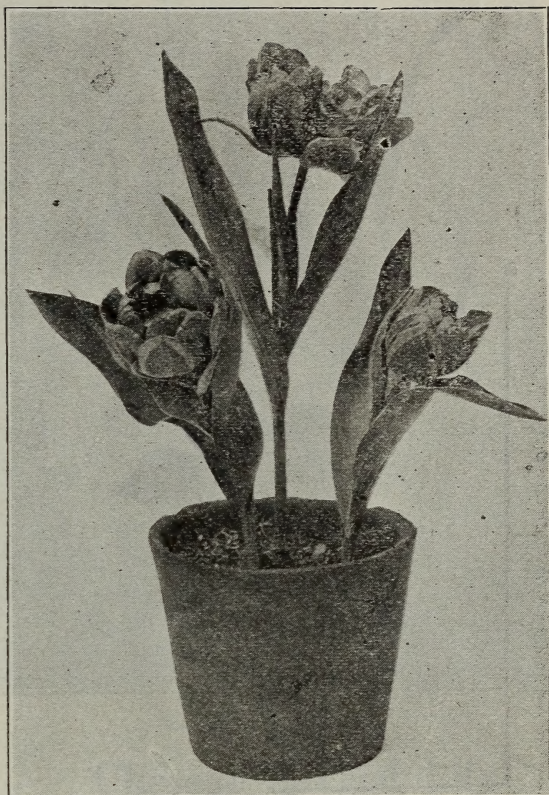
**T**HE Double Tulips are robust growers and very effective in beds, borders or clumps planted among the shrubbery. The blooms are large and of the most brilliantly varied colors and shades. Lasting much longer in bloom than the single varieties, they prolong the tulip season.

Doz. 100

Duke of York, carmine rose, bordered white -----	\$0 25	\$1 50
La Candeur, pure white, splen- did for out of doors -----	30	2 00
Rex Rubrorum, brilliant scar- let -----	35	2 25
Rose Blanche, Pure white, good out of doors -----	20	1 25
Tournesol, red and yellow ---	40	2 50
Tournesol, Yellow, bright yellow, shaded orange ---	40	2 50
Double Mixed, all colors ---	20	1 00

### Late or May-Flowering Tulips

**T**HESE elegant single-flowering Tulips bloom very late and thereby extend the flowering season until well into May; in fact, are extensively used for decorating on Memorial Day. Splendid for permanent border, as they are absolutely hardy. Fine for cut flowers also, the stems being long, colors magnificent and the individual flowers grand in size. For bedding out only.



Double Tulips

**Gesneriana Spathulata** is another magnificent Tulip for outdoor planting. Of a most vivid red with a delightful fragrance make it a most attractive variety. Stems attain a height of twenty-eight inches. The flowers are large, well shaped and borne erect in a graceful manner. Space alone prevents us from describing this magnificent flower. Dozen, 30 cents. Per 100, \$2.00.

**Bybloemens**, finest mixed, ground color white, striped and variegated with rose and violet shades. Dozen, 25 cents; 100, \$1.50.

**Bizarres**, finest mixed, ground color yellow, striped and feathered with crimson, brown or violet; very striking and a most desirable class. Dozen, 30 cents; 100, \$1.50.

### New Darwin Tulips

**T**HIS is a comparatively new race of immense May-flowering Tulips, producing large globular flowers on stiff stems about two feet high. Their colors are rich and brilliant in the extreme, including every shade and tint known to Tulips, from the most delicate blue to the deepest purple; from dainty pink to flaming crimson; from soft brown to the deepest black known to the floral world. In splendid mixture. Dozen, 30 cents. 100, \$2.00.

**Parrot Tulips** are very picturesque and attractive. Their blooms are of large size and most vividly brilliant, and, in addition to red and yellow, combine many shades of green. Especially suited for bedding, as they flower just between the early and late Tulips, thus prolonging the season. As cut flowers they last a long time and certainly deserve to be planted in quantity by lovers of bulb flowers. The petals are curiously fringed or cut. Their unique colorings, immense size and odd forms, make them the most striking of all Tulips. All colors mixed; dozen, 25 cents; 100, \$1.50.

# NARCISSUS, OR DAFFODIL

## SINGLE TRUMPET

**T**HERE are several quite distinct classes of Narcissus: the old yellow Daffodil or Trumpet Narcissus, the white flowered Pheasant's Eye or Poet Narcissus, and the Polyanthus Narcissus. The first two are among the hardiest and most desirable plants of the garden, and give more satisfaction with less care than almost any other plant.

When once established they do not need to be reset for several years, and will thrive in almost any soil. They are not only desirable for the garden, but equally so for the house. One to four bulbs set in a five-inch pot will bloom even in the smoky atmosphere of the city, where their beautiful color and delicate fragrance are doubly welcome.

The Polyanthus varieties need some protection through winter in the north, but will do finely without it in the south. They are exceedingly valuable for flowering in pots in the house. The Paper White Grandiflora and the Double Roman may be made to come into bloom in December, and this, with other varieties of Narcissus, will give a continuous succession of profuse bloom until spring. They thrive best in a cool temperature.



Narcissus (Daffodils)

## Paper White Narcissus

Easily grown. Of exquisite fragrance. Sure to grow and bear flowers.

Of all bulbs for winter blooming indoors, none compare with the Giant Flowering Paper White Narcissus in desirable qualities. It is the easiest of all flowers to grow as well as the earliest to bloom, producing in six weeks' time giant clusters of pure white, exquisitely scented flowers. By a succession of plantings, continuous flowers may be had from November until March. It may be grown in pots of soil or in shallow bowls of water. When grown in soil, give the bulbs an abundance of water, allowing it to stand in the saucer all the time. When grown in water, put the bulbs in a shallow glass or china bowl and place enough fancy pebbles and shells around them to prevent them from toppling over when full grown.

Dozen, 30 cents; 100, \$1.75.

**Emperor**, a magnificent flower of great substance, having an immense trumpet of clear golden yellow, and broad primrose yellow perianth, very early; splendid for forcing or planting out of doors. Doz. 100 \$0 50 \$2 75

**Golden Spur**, an extra large, bold, richly perfumed flower of robust habit, and unsurpassed for pot or garden culture. It is distinguished by its large, spreading, deep yellow perianth and wide trumpet of golden yellow, very early and free flowering. 50 2 50

**Princes**, sulphur white perianth, with rich yellow trumpet; early and popular, both for forcing and outdoor culture. 25 1 75

**Trumpet Major**, large, deep golden yellow flower, forces well, one of the hardiest for planting out of doors. 25 1 50

**Empress** — Magnificent. White perianth, deep yellow trumpet. This and Emperor are the best two-colored single Narcissus. 50 2 50

## SINGLE NARCISSUS

### With Cup-Shaped Flowers

**Sir Watkin** (*Giant Welsh Chalice Flower*), primrose perianth, golden cup, often five inches across. Doz. 100 \$0 40 \$2 50

**Poeticus Ornatus**, pure white, yellow cup, margin deep scarlet; a month earlier than Poeticus; splendid forcer. 20 1 00

**Grand Soleil d'Or**, a delightful variety, rich yellow flower with reddish cup. 40 2 50

**T**HE Double-Flowering Daffodils have a peculiar charm of their own, and no garden is complete without them. Fine for house culture in pots. All are perfectly hardy outdoors.

**Von Sion** (*Telamonius plenus*). The famous old Dutch Daffodil; flowers golden yellow, large and of fine form. This variety is used in enormous quantities for forcing; also excellent for bedding in conjunction with Hyacinths, flowering at the same time.

**Extra selected double-nosed Bulbs.** Each bulb will produce at least two flowers and frequently three or more. Dozen, 40 cents; 100, \$3.00.

**Orange Phoenix**—Beautiful double variety; light yellow with orange center.

**Von Sion**, second size, dozen, 30 cents, 100, \$2.00.

## JONQUILS

**A**SPECIES of *Narcissus*, native of Spain, easily grown in house or garden, and always a favorite for its bright yellow, deliciously fragrant flowers, which are abundantly produced on stems about a foot long, each bearing a cluster of florets. They are very popular as cut flowers, and can be successfully grown by everyone. Well suited for window plants, as the flowers seldom fail to expand and continue a long time in perfection. Culture same as given for *Narcissus*.

**Double**, yellow and very fragrant.

Dozen, 40 cents; 100, \$2.25.

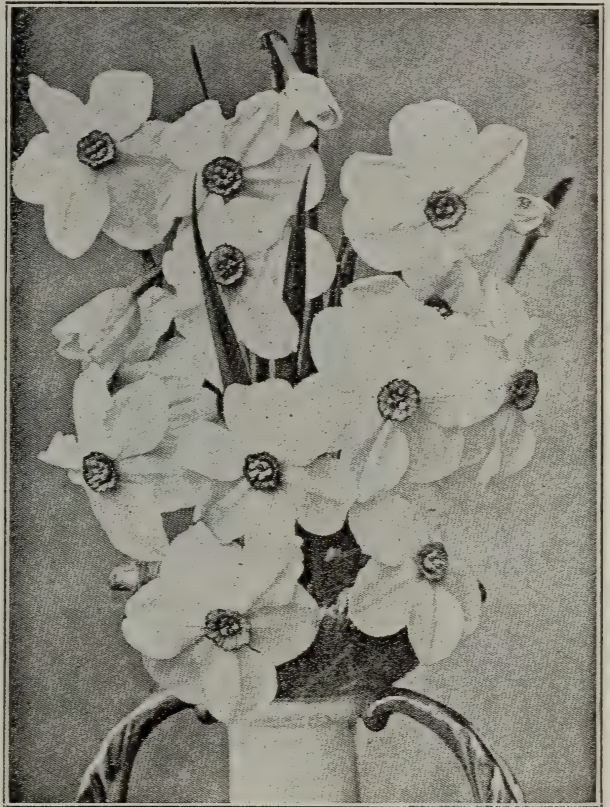
**Single**, yellow, deliciously sweet.

Dozen, 15 cents; 100, \$1.00.

**Campernelle**, single, large, yellow.

Dozen, 20 cents; 100, \$1.00.

## Double Narcissus



Poeticus Narcissus

## Chinese Sacred Lily

(*Narcissus Orientalis*) **Joss Flower, or Flower of the Gods.**

**A** NARCISSUS of the Polyanthus type, grown largely in China for the decoration of the temples (joss houses) on New Year's Day. The lilies are mostly grown in bowls with water, with enough stones, etc., around to prevent the bulbs from toppling over. They make a growth similar to that of Paper White Narcissus, illustrated on page 6. The bulbs, however, as well as the plants, are much larger. In 4 to 6 weeks time they produce a profusion of creamy-white flowers with golden yellow cups, borne in clusters similar to other Polyanthus Narcissi. If grown in pots, the plants should have plenty of water at all times. Their culture is the same as that given for Paper White Narcissus. Begin planting about October 1, and for succession, every week until Christmas.

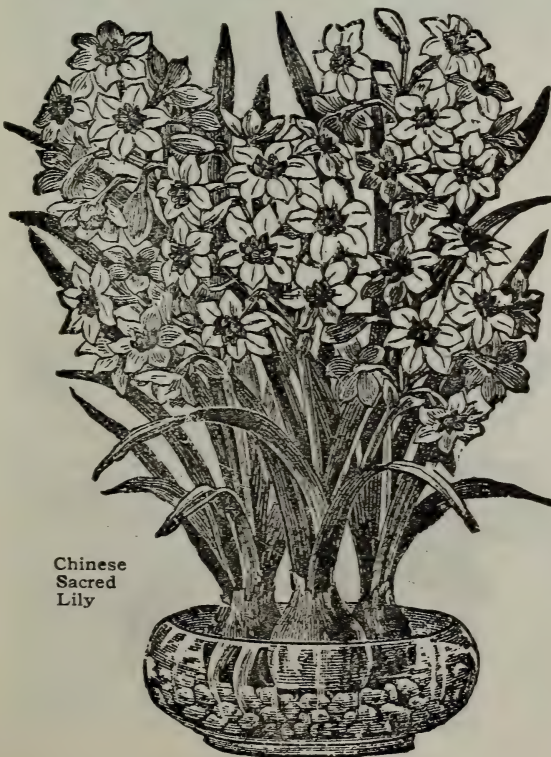
Mammoth large flowering bulbs (best); each 10 cents; dozen, \$1.00.

First size bulbs, regular stock; each, 5 cents; dozen, 50 cents.

### Glass Bowls for Chinese Lilies.

	Each
Small size, green, holds 1 bulb.....	\$0 05
Medium size, crystal, holds 2 bulbs.....	10
Large size, crystal, holds 4 bulbs.....	15

**WHITE GRAVEL** for above; pint, 10 cents, quart, 15 cents.



Chinese  
Sacred  
Lily



Crocus

# CROCUS

ONE of the earliest spring blooming flowers—producing its beautiful, ever-welcome buds almost ere the snow has disappeared; blooming as it does, at a season when the ground is bare of foliage it is a most welcome visitor. The Crocus are a success when grown in pots, but in order to obtain the best effect they should be massed in large beds, say from 100 to 500 bulbs to the bed; from such a bed an effect can be produced that when once seen will never be forgotten. Another very desirable effect is produced by setting the bulbs here and there over the lawn. In this way they add a beauty of splendor to the lawn and the home surroundings. For pot culture, plant from one-half to one dozen bulbs in a pot of ordinary soil, or in small glasses, crockery, etc.; keep cool, give plenty of water and fresh air. They may also be grown in water and sand on plates, in fact they are easily forced in either case, and indoors they bloom about a month earlier than outdoors. This season we have an exceptionally fine stock of these hardy blooming favorites and we are sure you would never regret giving liberal space in your yard to these favorite, early blooming flowers.

## Mammoth-Flowering Named Crocuses

Named varieties are prolific bloomers, producing several blooms from a single bulb.

	Doz.	100
Albion, dark purple, striped	Doz. 10	\$0 75
white; extra large, fine flower	\$0 15	\$0 75
Baron von Brunow, very large, deep, rich purple	15	75
Mammoth Yellow, golden yellow; mammoth bulbs; free flowering	15	80
Queen Victoria, purest white; very large; free bloomer	15	75
Mont Blanc, a pure white, good	15	75
David Rizzio, deep purple	15	75

	Doz.	100
White Mixed Shades	\$0 10	\$0 40
Blue Mixed Shades	10	40
Striped Mixed Shades	10	40
Purple Mixed Shades	10	40
Yellow Striped Shades	10	40
All Colors Mixed	10	40

## CALLA LILIES

CALLAS occupy a prominent place among our favorite house plants because they are so easily grown and give thorough satisfaction, even where they only receive moderate attention and nursing. For best results they should be planted in rich soil, and plenty of water during the growing period is essential to ideal development. Keep them dormant during the summer months. This may be done by gradually reducing the amount of water given them. Repot in good, rich soil by September 1; bring to the light, and give an abundance of water in a warm room. By following these suggestions, Callas will bloom satisfactorily the following winter.

**White Calla** Will always be a favorite on account of its attractive, glossy green foliage and elegant, waxy-white flowers of good substance and lasting qualities. It is one of our best window plants during the winter months, is easily grown and sure to give satisfaction.

Large size, each 25 cents, doz. \$2 50  
Medium size, each 15 cents, doz. 1 50  
Small size, each 10 cents, doz. 1 00



Calla Lily

# FREESIAS

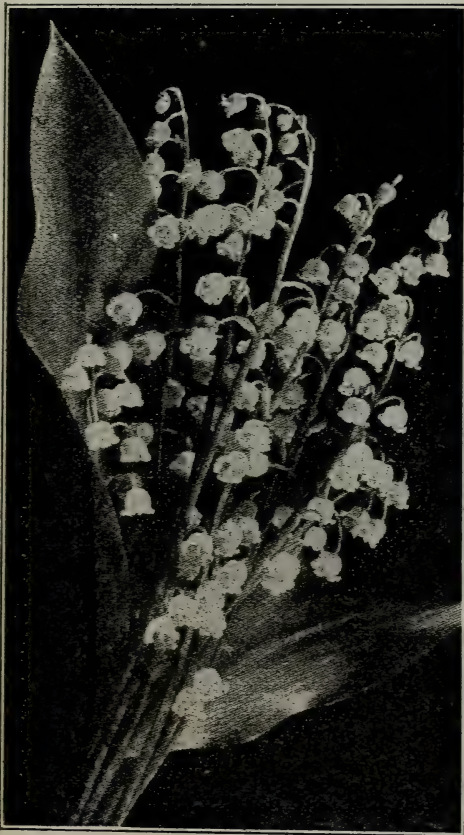
ONE of the most popular and charming bulbs we offer for pot culture in the home or conservatory. Splendid for cut flowers, their delicious fragrance filling the whole house. Six or eight bulbs should be planted in a 5-inch pot. They will force very easily, and if planted early can be had in bloom by Christmas. By having a dozen or more pots, and bringing them in the window garden at intervals, a continuous display of bloom throughout the winter and spring may be easily maintained. While rooting Freesias, keep in a cool, light place; they should not be put in the dark like most other bulbs. The flowers are generally produced on stems about 9 inches long, and are very useful for cutting, remaining in good condition a very long time.

**Refracta Alba**, Flowers pure white with yellow throat; exquisitely fragrant. **Mammoth** bulbs, Doz., 25 cents; 100, \$1.50. **First size** bulbs, dozen, 20 cents; 100, \$1.25.



Freesia—Refracta Alba

# LILY OF THE VALLEY



Lily of the Valley

ONE of the most charming of spring flowering plants, bearing slender stems with tiny bells; deliciously fragrant. They are largely used for forcing in winter and spring, and can readily be flowered in the house. The pips or crowns are received each year from Germany during November, and can be planted from now until spring. The simplest method for indoor culture is to place a bundle of 25 pips in a 7 or 8-inch pot, filling it up with sand, moss or light soil, allowing the points of the pips to be about an inch above the surface. They should then be placed out of doors in a shaded place and subjected to frost, which materially helps in their quick flowering. The pots can be brought indoors as wanted, and if frozen should be thawed out slowly, after which they may be put in a shaded place in a temperature of about 70 degrees, and when the spikes are 3 or 4 inches high they may be brought to where they are to perfect their flowers. By having a number of pots and bringing in at intervals, a continuous display can be had throughout the winter and spring months.

**Large Flowering Crowns**, per dozen, 25 cents; add 10 cents per dozen for postage.



**Lilium Longiflorum**, very like **Lilium Harrisii** and preferred by some to that variety. It does not come into bloom as early, but the flowers are of better substance and extensively used by florists for cut flowers. When grown in the open ground it blooms in June and July. The bulbs can be planted the following spring if received too late to plant in the fall.

Japan grown bulbs, 7 to 9 inches, each, 15 cents; per dozen, \$1.25.

**Speciosum Melpomene**, rich blood-crimson, heavily spotted. 8 to 9 inch bulbs. Each, 15 cents; per dozen, \$1.50.

**Giganteum**, a splendid species of gigantic growth and very distinct. The stems grow 6 to 10 feet high, and frequently bear 12 to 20 large flowers, 5 to 6 inches long. Color, creamy white with a purple throat. The bulbs are very large; blooms in the summer. Each, 25 cents; per dozen, \$2.50.

**Candidum** (St. Joseph's or Annunciation Lily). A hardy outdoor lily, snow white. Extra large bulbs; each, 15 cents; per dozen, \$1.50.

**Auratum** (Golden Banded Lily of Japan), white with a gold band through the center of each petal. Spotted, chocolate, crimson. Blooms from June to October. Select bulbs; each, 15 cents; per dozen, \$1.50.

**Speciosum Rubrum**, white, shaded deep rose and spotted red. Each, 15 cents; per dozen, \$1.25.

**Speciosum Album**, white. Each, 20 cents; per dozen, \$1.75.

## LILIES

THE Lily, with its beauty and faultless purity, undoubtedly surpasses any other known flower. For ages they have been referred to as the "most beautiful of all flowers." They are very fragrant, as well as very lasting.

### INDOOR CULTURE

FOR forcing in pots plant as early as possible, from September to November. Plant them in at least 6-inch pots; use a nice, rich, loamy soil, partially composed of pulverized sheep manure and sand. This composition should just cover the bulbs, and should be made firm by pressing it closely about them. Place the pots in a cold frame or sheltered place, covering the tops with soil. Let them remain so until cold weather. Thus the pots will become filled with roots after which remove to a warm room.

### OUTDOOR CULTURE

SELECT a well-drained spot, dig the soil deep and make it fine, enriching it abundantly with very rotten cow manure and adding a liberal mixture of sand. Set the bulbs from four to six inches deep, according to size, surrounding them with sand so as to prevent any manure coming in direct contact with the bulbs. During the winter cover the surface of the bed with a thin layer of coarse straw manure, which will not only afford a slight protection to the bulbs, but will materially enrich the soil. In the spring the manure may be removed or dug in between the rows.



**Speciosum Lilies** bloom from July till frost comes.

**Tigrinum**, Fl Pl (Double Tiger Lily), bright Orange flower, spotted with black. Each, 15 cents; per dozen, \$1.25.

## Miscellaneous Bulbs.

### ANEMONES (Wind Flowers)

**V**ERY beautiful spring-blooming plants of the brightest and handsomest colors. Anemones make fine pot plants for the window garden. They require some protection outdoors, although quite hardy, and will thrive in any good garden soil, but are partial to shaded positions for the greater portion of the day.

**Single Mixed**, a great variety of colors. Per dozen, 20 cents; 100, \$1.25.

**Double Mixed**, a fine assortment of colors. Per dozen, 25c; 100, \$1.50.

### ALLIUM NEAPOLITANUM.

**F**REE-FLOWERING, fragrant and beautiful winter-blooming plant, bearing large clusters of showy white flowers on stems 15 to 20 inches high. Blooms for a month or more. Plant 3 to 6 bulbs in a single pot. Of the easiest culture indoors and excellent for the garden, as they are very hardy. Per dozen, 20 cents; 100, \$1.25.



Anemones.

### CROWN IMPERIALS

**T**HIS beautiful well-known spring blooming plant needs little if any introduction, as they are one of our most popular and picturesque flowers. Their crown-like appearance, growing as they do in clusters of bell-shaped groups, give them a very striking appearance. The bulbs should be planted about five inches deep. They do not usually bloom until the second year after planting, but continue to bloom for several years afterwards, producing gorgeously colored flowers. Price, 15 cents; per dozen, \$1.50.



Cyclamen

### CYCLAMEN.

**F**OR richness of coloring, variety and duration of bloom there is no common winter flowering plant so valuable as the Persian or greenhouse Cyclamen. In early fall the bulbs may be set in well drained five or six-inch pots in which they are to flower. The soil should be equal parts of turf loam, sand and leaf mould. Keep in a cool, light place, watering lightly at first and then more freely, giving plenty of light and air. While a moist atmosphere is most suitable and the soil in the pots must not get dry when plants are growing, there is nothing more injurious to them than water, if it stands about the roots or if the soil becomes sodden. During the hot months the plant should be afforded some shade and kept as cool as possible. Before there is any danger from frost they should be brought indoors and given plenty of light.

**Cyclamen Giganteum, mixed;**  
each, 15 cents; per dozen,  
\$1.50.



Ixias

## Miscellaneous Bulbs

### IXIAS

THE brilliant and varied hues of these most graceful and beautiful winter-blooming bulbs make them especially prized for indoor culture. Plant a dozen bulbs in a 6-inch pot and set in a cool place; treat the same as other autumn bulbs. In the garden they need ample protection, and should be planted in a well drained situation, if possible. **All colors, assorted; each, 2c; per dozen, 15c.**

### ORNITHOGALUM (Star of Bethlehem)

A BEAUTIFUL plant, producing pearly-white flowers with a jet black center, and having a delightful aromatic perfume. The flower stems are 18 to 24 inches high, and the blooms remain perfect for a long time.

**Arabicum**—Large bulbs, each, 5c; per dozen, 50c.

### OXALIS

SIX or 8 bulbs should be planted in a 5-inch pot or hanging basket. Give partial shade when in bloom, and the flowers will last much longer.

**Bowii**—Bright rosy crimson, large. Each, 4c; 3 for 10c; per dozen, 35c.

The following sorts at a uniform price of 4c each; 3 for 10c; 25c per dozen.

**Lutea**—Pure canary yellow      **Hirta**—Bright pink.  
**Alba**—White.

**Choice Mixed Oxalis**—4 for 10c; per dozen, 20c.

### RANUNCULUS

REQUIRES a cool situation and deep, rich, well drained soil. Plant in autumn. The bulbs have tooth-like prongs or claws, and these should be planted downward, 3 inches deep, 6 inches apart, and given plenty of protection during winter. In northern climates they should be grown in pots in the house only. The following varieties at the uniform price of 3c each; 20c per dozen.

**French**—Mixed.      **Persian**—Mixed.

### SNOWDROPS

ONE of the very earliest flowers to greet us in spring with their nodding blooms of pure white borne on stems about 6 inches high. They come a few days earlier than the Crocus, appearing frequently in March, before the snow has disappeared. The single variety comes a little the earliest. In the lawn or in masses, makes a pleasing contrast with Scilla or Crocus.

**Single**—2 for 5c; per dozen, 15c; per 100, \$1.00.

**Double**—3 for 10c; per dozen, 25c; per 100, \$2.00.

### SCILLA SIBERICA

SCILLA SIBERICA is one of the hardiest bulbs we have, and is very valuable for a permanent edging to bed or border. They are very useful in combination with Crocuses or Snowdrops. Their intensely blue, bell-shaped flowers are exquisite. They are also grown in pots, 6 to 8 bulbs in a 5-inch pot. 2 for 5c; per dozen, 25c; 100 for \$1.50.

### AMARYLLIS

FOR the open border this genus furnishes some of the most useful bulbs in cultivation. There are a great many species of Amaryllis, all producing lily-like flowers, but varying in color.

**JOHNSONII** (Spice Lily)—A large, bright red with white stripe. Each, 40c.

**BELLADONNA MAJOR**—Silver white tipped with rose. Each 15c; per dozen, \$1.50.



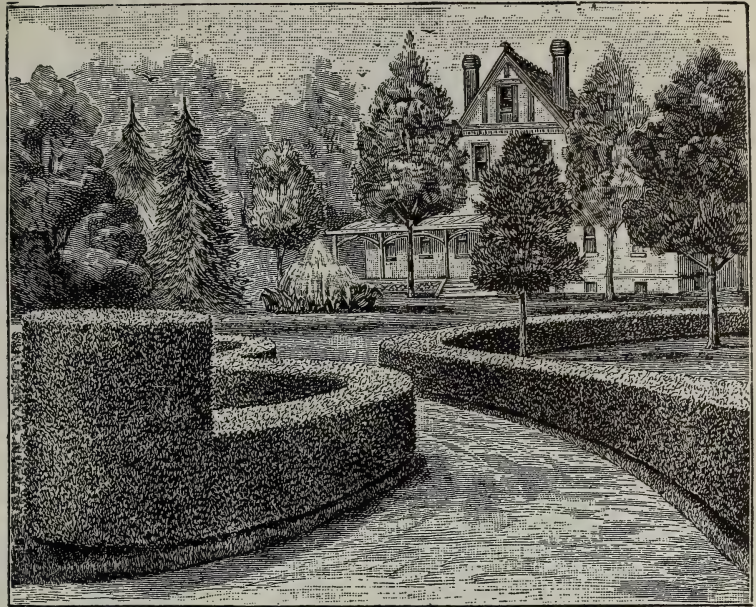
Scillas

## California Privet

OF ALL the shrubs which have been tried for hedging, none can compare with this. Of easy growth and splendid foliage, free from insects. Its inexpensiveness alone would give it first place for the purpose. It is now planted by the million annually. It is of free growth, and succeeds under the most adverse conditions, such as under dense shade of trees, where other plants would not exist. Price, 18 to 24 inches high, 10 for 65c; 25 for \$1.50; 50 for \$2.50; 100 for \$4.50.

Extra large, 2 to 3 feet high, heavy; 10 for 85c; 25 for \$1.75; 50 for \$2.75; 100 for \$5.50.

•Smaller sizes, \$2.50 and \$3.00 per 100.



California Privet

## PAEONIES

THE old-fashioned paeony is again coming into great favor; however, the types are so improved that one hardly recognizes these magnificent flowers; among the first to bloom in spring.



Paeony

### STANDARD

#### HERBACEOUS PAEONIES

**Festiva Maxima**—Pure white, center of petals occasionally tipped red. Best white for cutting. Price, each, 40 cents.

**Queen Victoria**—Large white creamy center. Price, each 25 cents.

**Louis Van Houte**—Large loosely shape flower; brilliant crimson. Price, each, 30 cents.

**Golden Harvest**—Attractive, a very striking and fragrant variety; blush white, some of center petals tipped with light crimson. Each, 40 cents.

**Humea Carnea**—Clear cherry pink, strong grower; fine cut flower. Each 40 cents.

### OFFICINALIS

THIS is the old-fashioned paeony, flowering ten days earlier than the above.

**Rubra**—Red. Price, each, 25 cents.

**Rosea**—Rose. Price, each, 25 cents.

**Alba**—White. Price, each, 25 cents.

**Mixed**—Double; white, red and pink. Price, each, 10 cents; large size, 25 cents each; mammoth, 50 cents each.



Carnation

## A LIST OF HARDY VARIETIES

	Pkt.
Antirrhinum, Giant mixed	5c
Antirrhinum, Giant white	10c
Antirrhinum, Tom Thumb mixed	5c
Aquilegia, double mixed	10c
Auricula, (Primula) fine mixed	10c
Arabis Alpina, Dwarf	10c
Campanula, Calycanthema, mixed	5c
Campanula, Speculum	5c
Carnation, Marguerite, mixed	5c
Carnation, fine double mixed	10c
Carnation, double Picotee mixed	20c
Carnation, Chabands, everblooming mxd.	20c
Calliopsis, fine mixed	5c
Calliopsis, Superb Hybrids, mixed	10c
Calliopsis, Golden Wave	5c
Daisy, double perennial mixed	10c
Daisy, Shasta	10c
Forget-Me-Not, Early Flowering Triumph	10c
Forget-Me-Not, Royal Blue	10c
Forget-Me-Not, Victoria Distinction	10c
Fox Glove, Gloxina Flowering	5c
Gaillardia, Giant Hardy Hybrids	10c
Heuchera, Sanquinea Splendens	10c
Lychnis, Hybrids, mixed	5c
Perennial Sweet Peas, mixed	10c
Pinks, Hardy Grass, double mixed	10c
Pinks, Hardy Grass, single mixed	5c
Pinks, Hardy Grass, double early flower Erfurt	10c
Phlox, Perennial mixed	10c
Platycodon, Grandiflorum	5c
Poppies, Iceland Laciniated mixed	10c
Poppies, Oriental Hybrids	10c
Pyrethrum, Roseum, Hybridum Grandiflorum	5c
Sweet Rocket, mixed	5c
Sweet William, double mixed	10c
Sweet William, single mixed	5c
Stokesia, Cyanea	10c

## FLOWER SEEDS FOR AUTUMN PLANTING

## A LIST OF VARIETIES FOR HOUSE CULTURE

	Pkt.
Agratum, Mexicanum mixed	5c
Agratum, dwarf blue	5c
Agratum, dwarf white	5c
Alyssum, Little Gem	5c
Asparagus, Sprengeri	10c
Asparagus, Plumosus Nanus	10c
Banana Plant, Musa Ensete	25c
Begonia, Semperflorence mixed	10c
Calceolaria, large flowering Hybrids	25c
Centaurea, Candidissima	10c
Centaurea, Gymnocarpa	5c
Cuphea, Planty Centra	10c
Cineraria, Giant Prize, half dwarf	20c
Coleus, Hyb. ids, mixed	20c
Fuchsia, fine mixed	25c
Ferns, fine mixed greenhouse	20c
Ferns, hardy species	20c
Geranium, Zonale, mixed	10c
Geranium, Apple Scented	25c
Gloxinia, Giant Hybrid mixed	25c
Heliotrope, Giant mixed	10c
Impatiens Sultana	10c
Lobelia, Crystal Palace Compacta	10c
Lobelia, Florist Favorite	10c
Lobelia, Trailing Dark Blue	5c
Mimulus (Monkey Flower) Tigrinus, mxd.	10c
Mimulus, Moschatus	5c
Mignonette, Allens Defiance	5c
Mignonette, Bismarck	5c
Mignonette, Pure Machet	5c
Mignonette, Giant Pyramid	5c
Petunia, Giants of California, mixed	15c
Petunia, double large flowering, mixed	25c
Petunia, New Forest Park mixed	25c
Primula (Chinese Primrose) large flowering	25c
Primula, Obconica Grandiflo	10c
Smilax	5c
Viola Odorata, Violet	10c



Shasta Daisy

# PANSIES

## MOST POPULAR PANSY MIXTURES

**St. L. S. Co.'s "Nonpareil" Mixture**—This is certainly one of the grandest collections of the rarest and most beautiful varieties of Pansies. There is no end to the countless shades of color with which nature has endowed this mixture; it is nearly inconceivable. The flowers are of large size and the plants grow more compactly bushy than other mixtures. We control the crop of the European specialists who raise it. Price, per pkt., 15 cents.

**Trimardeau Giant Mixed**—Extra large flowers, but not of such perfect form as the Imperial German. Most of the flowers have three large blotches or spots. Price, per pkt., 10 cents.

**Imperial German Giant, Mixed**—They embrace all the solid or self-colors, delicately shaded of various colors, dark and light marbled varieties, flowers with clear distinct eyes, striped flowers of striking beauty and vividly colored fancy varieties. Price, per pkt., 15 cents.

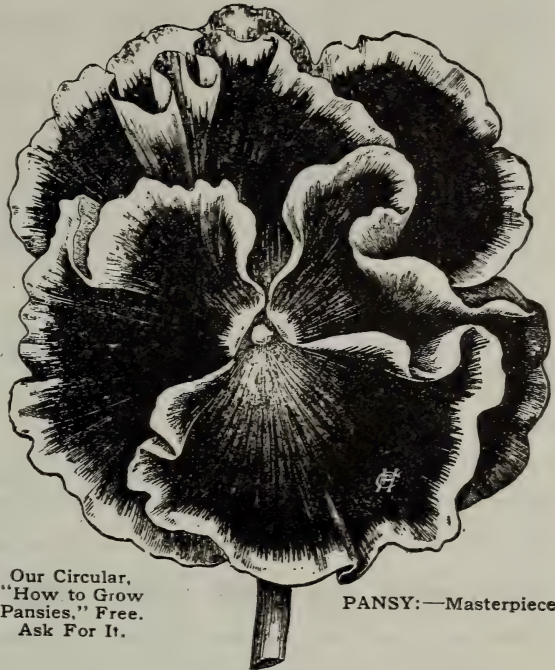
**Bugnot's Giant Mixture**—One of the richest mixtures imaginable; contains the finest blotched varieties; of large size and exquisite colorings. Price, per pkt., 15 cents.

**Cassier's Giant 5 Spotted Mixed**—One of the largest blotched variety, with petals of the finest coloring. Price, per pkt., 20 cents.

**St. L. S. Co.'s Large Flowering Mixed**—An extra fine strain. Plants compact and produce flowers in great variety of colors. Price, per pkt., 10 cents; per ounce, 75 cents.

**Masterpiece**—This grand new giant Pansy is remarkable in having the borders of the petals waved or frilled, which gives the flower an almost double appearance; the type is altogether novel and distinct. Price, per pkt., 15 cents.

**Fine Mixed**—Price, per pkt., 5 cents; per ounce, 50 cents.



Our Circular,  
"How to Grow  
Pansies," Free.  
Ask For It.

PANSY:—Masterpiece

## SEPARATE COLORS

### All Giant-Flowered Varieties

**Fairy Queen**—Delicate blue, margined with pure white.

**Fire King**—Bright reddish brown.

**King of the Blacks (Faust)**—Pure jet black.

**Lord Beaconsfield**—Lavender and violet.

**Snowflake**—White.

**Yellow Trimardeau**—With black eye.

**Mahogany**—Brown.

**Emperor William**—Ultramarine blue.

**Gold Elsie**—Clear yellow. Price, per pkt., 15c.

Any of the above. Separate colors, not priced, 10 cents per packet, 3 for 25 cents.

## SPECIAL OFFER TO PANSY LOVERS

**THIS** diagram, when properly laid out as shown in illustration, and sown with the following named varieties as per their respective numberings, will produce one of the most striking sights obtainable in the floral world.

No. 1. Snowflake. Price.....Pkt. 10c

No. 2. Faust. Price.....Pkt. 10c

No. 3. Lord Beaconsfield. Price.....Pkt. 10c

No. 4. Mahogany. Price.....Pkt. 10c

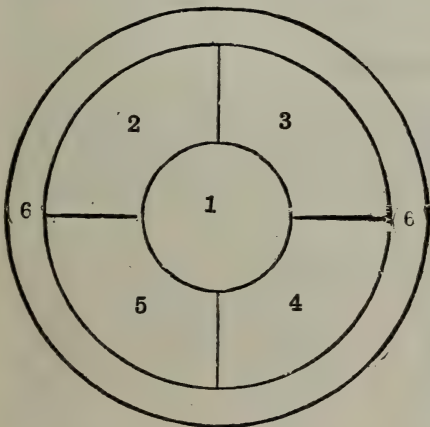
No. 5. Emperor William. Price.....Pkt. 10c

No. 6. Gold Elsie. Price.....Pkt. 15c

Total..... 65c

☞ This collection will produce a bed 6 feet in diameter.

**SPECIAL**—In order that every one may try this magnificent collection, we will send the 6 packets, as described, for only 40 cents.



# LAWN GRASSES

Especially Adapted for This Locality and Will Insure a  
Fine Velvety Lawn

## Formation of Lawns to Be Sown

**T**HE ground should be thoroughly drained and well prepared. The soil ought not to be too rich, as a rapid growth is not wanted in the grasses of a lawn; but the surface should be as much alike in quality as possible and thoroughly pulverized. After sowing, the ground should be rolled in order to press the seed firmly into the soil. The proper time to sow grass seed depends, of course, upon the latitude. In this vicinity seed may be sown in the fall, provided it is done early enough to secure a good, strong growth before winter sets in. The sowing should be done when the ground is moist, or before an expected rain, and a subsequent rolling is always advisable. As to weeds in newly made lawns, it may not be generally known, but many weed seeds actually lie dormant in the ground for six or seven years and will germinate and make their appearance when the soil is turned up.

**Rolling.**—As soon as the frost is out of the ground in the spring, the land should be gone over with a heavy roller. Winter frosts loosen the soil, and rolling is necessary to compress it again. If grass seed is to be sown, this should be done first and the rolling immediately afterward. Roll frequently.

**Mowing.**—All turf-forming grasses are improved, both in vigor of root-growth and in fineness of texture, by frequent mowings. It is impossible to say just how often the grass should be mown, as that depends upon the rate at which it grows. Too close cutting should be guarded against, however, especially during the hot summer months, when the roots require some top growth to protect them from the burning sun. A good top-growth is also necessary to protect the roots from severe winter frosts.

**To grass a bank or terrace.**—For each square rod take a pound of lawn grass seed, and mix it thoroughly with 6 cubic feet of good, dry garden loam; place in a tub, and add liquid manure, diluted with about two-thirds of water, so as to bring the whole to the consistency of mortar. The slope must be made perfectly smooth, and then well watered, after which the paste should be applied.

## Our Famous Havalawn Grass Seed Awarded the L. P. Exposition Medal, 1904

HAVALAWN (name registered in the U. S. Patent Office) is procurable only from us. Every package bears our green label. No other is genuine, and we will prosecute all infringements.

### To Have a Lawn That is a Lawn Must be Sown with "Havalawn"

**HAVALAWN** mixture will insure a beautiful, compact evergreen sod on any lawn where the essential requirements of grass culture have been complied with. Its component parts are the grasses particularly adapted to lawns and door yards. It is composed of the best thriving varieties, together with the best known creeping or sod-forming sorts. Timothy and orchard grass are wholly excluded on account of their coarse leaves, and only finest sorts are used. Full provision is made for a succession of growth, so that there shall be no break in the richness of the verdure from spring until autumn, and experience proves that **Havalawn** Grass Mixture is now perfect. Nothing better can be purchased on the American market, no matter what claims may be advanced by other seedsmen. See prices at bottom of page.

## St. L. S. Co.'s Shady Lawn Mixture

This mixture is intended for all situations that are in partial or complete shade, and will be found invaluable on grounds lying under the shadows of trees or buildings. In preparing such places for the reception of grass seeds it is well to use air-slaked lime quite liberally. This mixture is a combination of fine dwarf growing, evergreen varieties of grass, which grow naturally in the woods or in shaded spots. They are mixed in proper proportions to make a fine lawn under shade trees. Sow seed thickly. Prices at bottom of page.

## Good Result Mixture

This is intended for back yards, large playgrounds, etc., that are not intended to be kept cut as closely as other front lawns, and where grass is wanted quick to cover unsightly places; also for tenants who do not intend to stay long on the premises, yet want a good grass. We would advise setting the lawn mower as high as it will go in cutting this grass, and not water often, but when you do, do it in earnest, or else keep the water off. This rule should apply to all lawn grasses. Watering often burns out the grass more than you may think. This grass mixture will give value received for your time and money spent and will enable those who don't want to spend much on the lawn a chance to have plenty of green grass.

### LAWN GRASS PRICES AND QUANTITY TO SOW.

These prices are subject to change owing to scarcity of seed.

	1 lb.	2 lbs.	5 lbs.	7 lbs.	14 lbs.
				( $\frac{3}{4}$ bu.)	(1 bu.)
Sow about (square feet).....	300	600	1500	2100	1 acre
<b>Havalawn</b> .....	\$0 30	\$0 60	\$1 40	\$1 90	\$3 50
Shady Lawn.....	30	60	1 40	1 90	3 50
Good Result Mixture.....	20	35	-----	1 15	2 00
Kentucky Blue Grass.....	30	60	1 40	1 90	3 50
English Rye.....	20	35	85	1 10	2 00
White Clover.....	35, 3 lbs. for \$1.00.				

# FERTILIZERS

## For Lawn, Garden, Field and House Plants

A Necessity to All Growing Crops.

Here is a Fertilizer that will satisfy those who are skeptical as to the use of Commercial Fertilizers—

First—Because seeing is believing.

Second—Because you can see what it is.

Third—Because it adds humus to the soil.

Fourth—Because it nourishes plant life.

Fifth—Because it is pure; contains no weed seeds.

Sixth—Because it is easily applied, without endangering the plants in the least.

All these points are combined in our brands of Pure Shredded Cattle Manure, Pulverized Hog Manure and Pulverized Sheep Manure.

**PULVERIZED SHEEP MANURE**—As a top dressing for lawns there is nothing better. Promotes a steady and rapid growth in the vegetable garden. For garden and field crops, 1 to 2 tons per acre, one-half before plowing, balance before harrowing. For top dressing use 1 ton per acre—fall or early spring. Price, 5 lbs., 20 cents; 10 lbs., 35 cents; 25 lbs., 75 cents; 50 lbs., \$1.15; 100 lbs., \$2.00.

**SHREDDED CATTLE MANURE**—This is a high grade of Fertilizer that will fill a long felt want, and prepared in such shape to be easily applied by any man or boy. This added to our Pulverized Sheep Manure on lawns will make grass grow on most any soil. It has been tested thoroughly and found to contain just what we are all wanting. It is being used on a large scale among gardeners and farmers on all crops and they find it cheaper and better than any compost they can haul from city or barnyard on the farm. They never can get enough at the latter places. This new form will enable them to have plenty on hand to use at any time they need it. Price, 5 lbs., 20 cents; 10 lbs., 35 cents; 25 lbs., 75 cents; 50 lbs., \$1.15; 100 lbs., \$2.00.

**PULVERIZED HOG MANURE** is without any doubt one of the most powerful fertilizers. It is especially adapted for garden use as well as for all grain crops. Potatoes will pay big where this is used. It is prepared in such shape it can be drilled with any farm seed drill. It is free from all foul seeds and always ready to use. The above three fertilizers are pure, and if you figure what it costs you to haul stable manure from the city you will find you can buy the above brands much cheaper and have all you want for your crops.

Ask us, when in our store, about these, and look at samples and see for yourself. Prices, 5 lbs., 20 cents; 10 lbs., 35 cents; 25 lbs., 75 cents; 50 lbs., \$1.15; 100 lbs., \$2.00.

**PURE BONE MEAL**—Price, 5 lbs., 20 cents; 10 lbs., 35 cents; 25 lbs., 65 cents; 50 lbs., \$1.25; 100 lbs., \$2.00.

**PURE BONE FLOUR**—Mostly used by florists. Price, 25 lbs., 85 cents; 100 lbs., \$2.50.

**NITRATE OF SODA**—95 to 98 per cent purity, 18½ to 19½ per cent ammonia. 100 lbs. to the acre. Price, 1 lb., 10 cents; 10 lbs., 75 cents; 50 lbs., \$3.25; 100 lbs., \$6.00.

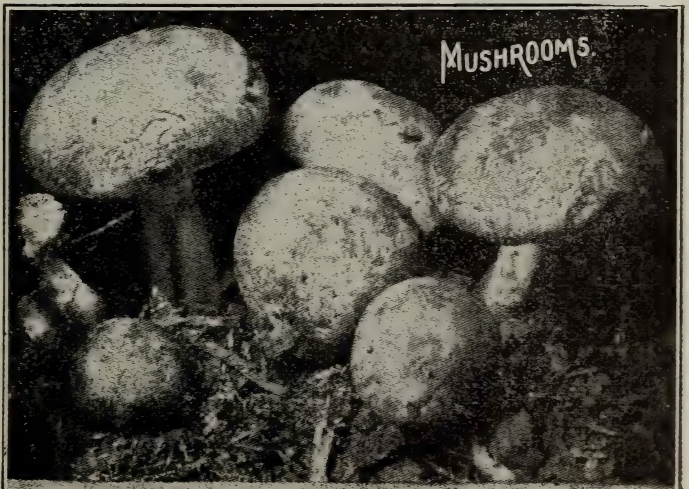
**ST. L. S. CO.'S EXCELSIOR PLANT FOOD**—It will make weak plants strong and make healthy plants have brighter flowers and prolong the period of blooming. Price, small size, 15 cents; large size, 25 cents.



## MUSHROOM

(Champignon-Brut)

**MAY BE** grown in a great variety of situations—a dark room, cellar, stable or elsewhere. Any place in which an even temperature of about 50 or 60 degrees can be kept, is suitable. For materials for the bed, use fresh horse-manure, free from straw or chips, and good loamy soil. Some growers use the manure unmixed with loam, after first having well fermented it by alternately piling up and mixing for a few weeks; but it is undoubtedly better not to allow the manure to heat much before forming the bed. Use one-fourth to one-third loam, the rest manure, Mix very thoroughly and upon a dry, firm bottom make the bed of this mixture, about four feet wide, and of any desired length. Build it up evenly, pressing it down very firmly, and leave it about a foot high. It will shortly begin to heat. Use a thermometer to thrust into bed, and note the temperature. When the heat has partially subsided, leaving a temperature of 70° to 80°, put in the spawn. Pieces from the size of walnuts to that of eggs are placed in the bed about a foot apart, deep enough to cover them well, and the manure is pressed down. Let it remain thus ten or twelve days; then cover with two inches of fresh loam, and make this moderately firm. The bed is finished by covering all with 4 or 5 inches of straw or other litter. Watering is not necessary, unless the surface of the bed gets very dry; in this event, moisten freely with water at a temperature of about 80 degrees. In gathering the crop no cut, but twist them off carefully, filling up the holes with loam to keep insects from the roots. In six or eight weeks from spawning the beds, mushrooms should appear.



**Genuine English Milltrack Spawn**—Large bricks, 20 cents; six bricks, \$1.00. One pound English Spawn will spawn about 6 square feet.



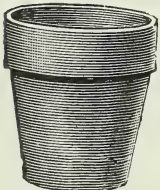
Baskets Made from Raffia and Reed

## RAFFIA

WE WILL furnish you the finest quality of Raffia on the market in twenty different shades. The Raffia is of the finest grade, the strands are long and uniform, making it a decided advantage in weaving. The natural Raffia is also used for tying up plants in field or greenhouse. Price, natural, per lb., 25 cents; per 5 lbs., 20 cents per lb.; per bunch, 10 cents. Colored, per skein, 10 cents, 3 for 25 cents; per lb., 60 cents.



Plant Sprinklers



Flower Pot



Plant Tub

### "Fibrotta" Plant Tub Saucers

These are strong and non-porous, do not leak like old style.

	Each	Doz.
4-inch diameter.....	\$0 04	\$0 40
6-inch diameter.....	07	75
8-inch diameter.....	10	1 00
9-inch diameter.....	12½	1 25
10-inch diameter.....	15	1 60
12-inch diameter.....	20	---
14-inch diameter.....	25	---

**WIRE HANGING BASKETS**—10 to 12 inches diameter. Price, 25 cents.

**CLAY HANGING BASKETS**—10 to 12 inches diameter. Price, 35 and 50 cents.

**MOSS SPHAGNUM**—Large bale, \$1.50; ½ bale, \$1.00.

**GREEN SHEET MOSS**—In rolls, used for hanging baskets, conservatories, etc. ½ lb., 25 cents; 1 lb., 50 cents.

## REED

Used for basket making, lattice work, etc. We carry all sizes adapted for schools, homes, etc.

	Roll	¼ lb.	1 lb.
No. 1.....	10c	35c	\$1 25
No. 2.....	10c	30c	1 00
No. 3.....	10c	25c	90
No. 4.....	10c	25c	90
No. 5.....	10c	25c	90
No. 6.....	10c	25c	90
No. 7.....	10c	25c	90

**PLANT TUBS**—Made of ¾-inch cypress and will keep for many years without rotting. Has drop handles and iron legs. Painted deep rich green. (See cut.)

No. 1 12 inch diameter.....	\$1 25	No. 4 21 inch diameter.....	\$2 25
No. 2 13½ inch diameter.....	1 50	No. 5 24 inch diameter.....	2 75
No. 3 15 inch diameter.....	1 75		

**ROLLING STANDS FOR PLANT TUBS**—Saves carpets, pots and patience

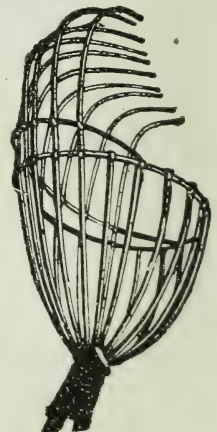
12 inch diameter.....	\$0 75	16 inch diameter.....	\$1 10
14 inch diameter.....	95	18 inch diameter.....	1 25

**FLOWER POTS**—We are florists' headquarters for Flower Pots of every description. Send us your orders.

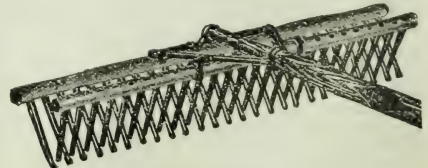
	Per doz.	Per 100
2½-inch.....	\$0 20	\$0 75
4-inch.....	30	1 50
5-inch.....	60	3 00
6-inch.....	1 00	4 00
	Each	Per doz.
7-inch.....	\$0 12	\$1 25
8-inch.....	15	1 50
10-inch.....	30	3 00
12-inch.....	50	4 50

## Saucers

	Each	Doz.
4-inch.....	\$0 02½	\$0 20
5-inch.....	2½	30
6-inch.....	4	40
7-inch.....	5	50
8-inch.....	8	75
10-inch.....	10	1 00



Fruit Picker



Automatic Rake

**AUTOMATIC RAKE**—One of the finest rakes made. Has 26 teeth, 25½-inch wood head, oil finished and varnished; selected hickory, with jappanned malleable iron casting. Price, \$1.00.

# PETALUMA INCUBATORS AND BROODERS

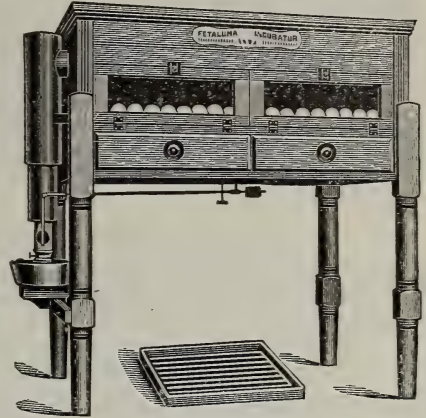
## STANDARD OF THE WORLD

THESE machines are the best constructed, most economical to operate, oldest and most successful Incubators and Brooders in the world. Gold medals of the Louisiana Purchase Exposition and the Lewis and Clark Exposition and grand prize at the Alaska-Yukon-Pacific Exposition were awarded to Petaluma Incubators and Brooders. Certain others are claiming similar honors, but these honors were conferred upon Petaluma Incubators and Brooders, "Standard of the World." More gold, silver and bronze medals, certificates of merit and diplomas have been awarded to Petaluma Incubators and Brooders at the large expositions of the world than to any others.

Our Petaluma Incubators, as shown in this catalogue, are the latest improved, embodying all that is new in point of construction and efficiency.

It will be seen that they are designated by model numbers. In the models 59, 80, 81, 82 and 83 the regulator acts on the flame to raise and lower it, which is well known to be the most economical in consumption of oil.

Write or telephone for a complete illustrated catalogue on Incubators and Brooders, or call at our store and let us show the machines.



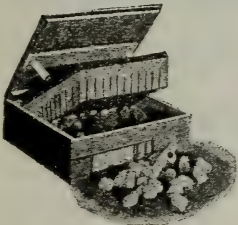
Established 1879

### PETALUMA INCUBATORS

Model 59, capacity 54 eggs-----	\$10 00
Model 80, capacity 126 eggs-----	20 00
Model 81, capacity 216 eggs-----	27 00
Model 82, capacity 324 eggs-----	35 00
Model 83, capacity 504 eggs-----	54 00
Above machines are operated with hot air	

## Petaluma Brooders---Indoor and Outdoor

### Fire and Fireless



Models 3 and 4

HEREWITH are shown a few PETALUMA BROODERS of the very large line manufactured by the Petaluma Incubator Co. They have proven their wonderful efficiency and real worth as successful brooder. Its excellent qualities have caused many manufacturers to attempt imitations of it. The Outdoor Fire Brooders are equipped with the proper heating capacity. For ventilation, convenience in handling, economy in oil and real worth it is superior to any other brooder for a similar purpose to be found. Its use insures satisfactory results, and that is what the poultrymen are seeking.

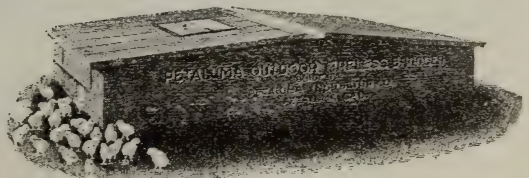
## Petaluma Fireless Brooders

THE heat accumulator is suspended from hooks, front and back, and is instantly removable. The heat accumulator is shorter than the brooder at each end, in which spaces the chicks can find it cooler. When top cover is removed the chicks are not disturbed nor warmth lost. When chicks grow large and do not require the heat accumulator the brooders can be used as a well-ventilated night hover, the ventilating features not being disturbed by removal of the heat accumulator.

Our full line of brooders is shown in our large catalogue, which will be mailed free to anyone writing for it.

### FIRELESS BROODERS

Model 3, Indoor, 100-chick capacity-----	\$ 6 00
Model 4, Indoor, 200-chick capacity-----	9 00
Model 5, Indoor and Outdoor, 100-chick capacity-----	9 50
Model 6, Indoor and Outdoor, 150-chick capacity-----	12 50



Models 5 and 6

St. Louis  
Seed Co.'s  
Feed-a-Gud  
Hen Feed  
No Grit  
No Shells

## POULTRY FEED

### A WORD ABOUT HEN FEED

**O**UR Feed-a-Gud brand Hen, Chick, Mash and Pigeon Feed does not contain anything but sweet mixed grain, no grit and shell, it is all feed and no waste.

Why pay the price of feed for shell and grit when you can buy it for half that price?

We handle different kinds of mash Feed; some is fed to produce eggs, the other to make fat poultry for the market.

St. Louis  
Seed Co.'s  
Feed-a-Gud  
Chick Feed  
No Grit  
No Shells

### OUR SPECIAL DELIVERY SERVICE

**O**N ALL orders amounting to \$2.00 or over we deliver free to any suburban station, or where our wagon express delivers we will deliver to your house. Oyster shell and grit excepted, unless accompanied with general order.

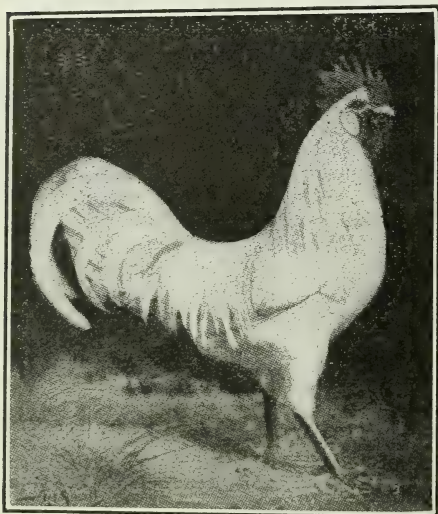
Within the city limits we deliver free all orders amounting to \$1.00 or over. This does not apply to goods sold at wholesale.

#### THE FEED WITH OUT GRIT AND SHELL

	4 lbs.	8 lbs.	25 lbs.	50 lbs.	100 lbs.
Feed-a-Gud Hen Feed.....	\$0 15	\$0 25	\$0 65	\$1 25	\$2 25
Feed-a-Gud Chick Feed.....	15	25	75	1 40	2 50
Feed-a-Gud Pigeon Feed.....	15	25	65	1 25	2 25
Feed-a-Gud Mash Food.....	15	25	65	1 25	2 00

#### THIS FEED CONTAINS SHELL AND GRIT

	5 lbs.	10 lbs.	25 lbs.	50 lbs.	100 lbs.
Mixed Hen Feed with Shell and Grit.....	\$0 15	\$0 25	\$0 60	\$1 10	\$2 00
Mixed Chick Feed with Shell and Grit.....	20	35	70	1 15	2 25
Mixed Pigeon Feed with Shell and Grit.....	15	25	60	1 10	2 00



	5 lbs.	10 lbs.	25 lbs.	50 lbs.	100 lbs.
Meat Scraps.....	\$0 25	\$0 45	\$0 95	\$1 75	\$3 50
Meat Meal.....	25	45	95	1 75	3 50

	3 lbs.	25 lbs.	50 lbs.	100 lbs.
Charcoal.....	\$0 15	\$0 85	\$1 40	\$2 50

	75 lbs.	10 lbs.	25 lbs.	50 lbs.	100 lbs.
Raw Cracked Bone.....	\$0 20	\$0 35	\$0 80	\$1 50	\$3 00
Mica Grit.....	10	15	25	50	90
Cut Clover.....	20	35	85	1 50	2 75
Alfalfa Meal.....	20	35	75	1 40	2 50
Oyster Shell.....	10	15	25	50	90
Rollod Oats.....	20	35	75	1 50	3 00
Flax Seed Meal (Linseed).....	20	35	75	1 50	3 00
Wheat Bran.....	20	35	55	1 00	1 75
Cracked Corn (bu., \$0.80).....	10	15	30	---	1 00
Crys-Co.....	20	35	75	1 40	2 50
Cottonseed Meal.....	20	35	75	1 40	2 50

Canada Field Peas, Kaffir Corn, Hemp Seed.

All Feeds subject to change in price.

### STANDARD BREEDS OF POULTRY

**W**E ARE in a position to supply you with standard breeds of Poultry at all times. We will not attempt to give a full list of Poultry because of so many varieties, and quality or value depends upon the stock wanted. Please describe fully your wants and we will gladly quote you the lowest possible prices consistent with quality on any breed you want.

### EGGS FOR HATCHING

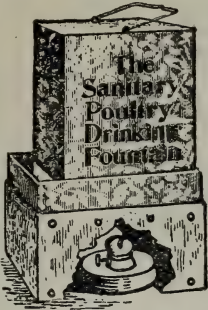
**W**E contract each year with reliable breeders whose pens are mated with careful attention to fertility of eggs. We carry no eggs in our stores, but supply fresh laid stock from the pens soon after we receive your order.

### BABY CHICKS AND DUCKLINGS

**I**T TAKES very little labor and expense to raise a few dozen little chicks at home large enough for table use. In season we offer Baby Chicks at \$1.50 per dozen; \$10.00 per 100. Ducklings, \$2.40 per dozen.

## POULTRY SUPPLIES

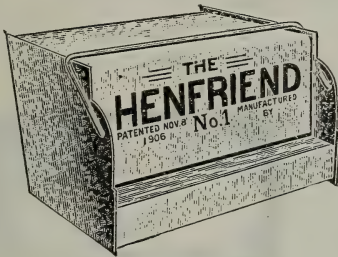
### The Sanitary Poultry Fountain and Heater



With Heater.

**T**HIS inexpensive combination placed in the house saves all trouble of thawing out drinking vessels and gives the poultry something warmer than ice water to drink. One filling of lamp will burn 72 hours. Very practical and **no danger. The best Fountain on the market.** Made of heavy galvanized iron, perfect in workmanship; it is the best, most convenient and durable fountain on the market.

1-gal. Sanitary Fountain.....	50c	— With Heater.....	\$1 00
2-gal. Sanitary Fountain.....	85c	— With Heater.....	1 45



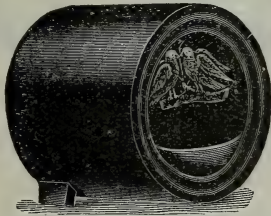
### The Sanitary Chick Fountain

Our Sanitary Chick Fountain fits any brooder, stands five inches high; holds one quart. Its construction gives no chance for the little chicks to fall in and get drowned. Price, 25 cents each.

### The Hen Friend Drinking Fount

Easy to clean, strong, cheap, durable and practical. Will not drown the chicks. Made of heavy galvanized iron. Can be used for feeding fountain also.

No. 1—2 gallon.....	75c each
No. 2—1 gallon.....	50c each
No. 3—1 quart.....	25c each



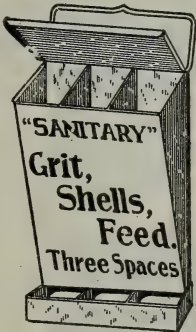
### Earthen Drinking Fountain

For anybody who desires an earthenware drinking fountain these founts are not excelled for poultry and pigeons. They will keep the water cool and clean and are so manufactured that it is impossible for the chickens to get wet or drown while using them.

Price, ½-gallon.....	25c
Price, 1-gallon.....	40c
Price, 2-gallons.....	60c

### Grit Boxes

These are the original Self-Feeding Boxes, being made of heavy galvanized iron, strongly riveted and well braced. They will last for years. The feeders prevent a large waste in the feed and soon pay for themselves. Price of No. 1 Grit Box..... 50 cents



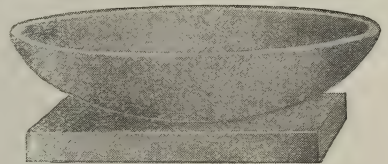
No. 1 Grit Box

### Atsatt's Chick Feeder

This is the neatest device ever invented for feeding young chicks. Chicks cannot get into it or stand on it. The top removes easily for cleaning or filling and is sprung back into place. Made of the best galvanized iron, so can be used either for wet or dry feed or water. Just the right size for the brooder. 10 inches long, 4 inches wide. Price, 25 cents.



### Wood Fibre Ware Squab Nest Bowls



Wood Fibre Ware Squab Nest Bowl

Made in only one size (9-inch diameter bowl).  
A Moulded Bowl Made of Wood Fibre.

These **Wood Fibre** nest bowls have every merit of the old style wood bowl and are indestructible.

Cannot warp or split, as many of the old style turned wood bowls do when made of timber poorly seasoned.  
Price, 95c per dozen, \$7.75 per 100.



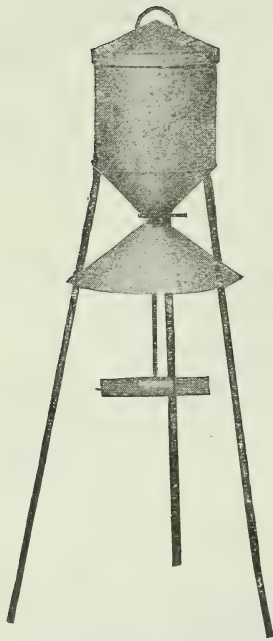
Hangs on two nails. Easy to clean. Saves waste. Always out of the way. Wet or dry feeds.  
Price, 25 cents.

### Chicken Nests

Wire. Very desirable. No chance for vermin. Price, each, 15c; dozen, \$1.25.

# POULTRY SUPPLIES

## Successful Feeder and Exerciser



Successful Feeder

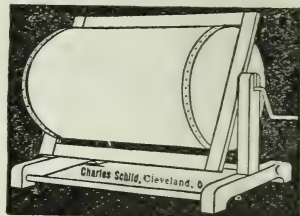
They are the greatest feed and labor savers ever invented. Sparrows, rats and mice give them up in disgust. The chickens can always get just enough of any kind of dry feed placed in the hopper, but wild birds and rodents cannot get a grain. The machine saves its cost in feed in 90 days, and saves its cost in labor several times a year. Fill the hopper once a week and the chickens do the rest. Not a particle is wasted. The chickens learn to use it in thirty minutes. The machine is light and can be placed out of doors in summer and indoors in winter. It is rain and rat proof. Everyone who raises chickens should have at least one of these feeders. The price is very low.

No. 1. 8 quart, \$2.50—Suitable for about 12 chickens.  
No. 2. 14 quart, \$3.25—Suitable for 20 chickens.

## Schild's Lightning Lice-Killing Machine

### For Winter Eggs Use Schild's Lightning Lice-Killing Machine

Don't give up raising poultry just because you cannot make your chickens lay EGGS in winter. Don't give up just because colds, roup, diarrhoea and cholera get into your flock as soon as cold weather sets in. Use the Schild Lightning Lice-Killing Machine and find out why your chickens refuse to lay eggs in cold weather. Use one of these machines upon some of those sick fowls and find out what makes them sick. Don't give up until you have tried the easy method.



The No. 1 for small chicks and pigeons, are only \$2.50 each, and the standard size, No. 2, for both chicks and old fowls \$3.00 each, and the large, No. 3, which is used for Plymouth Rocks, Cochins, Brahmas, Langshans and turkeys, are only \$4.00 each, and you get a ½-pound can powder with each one you purchase.

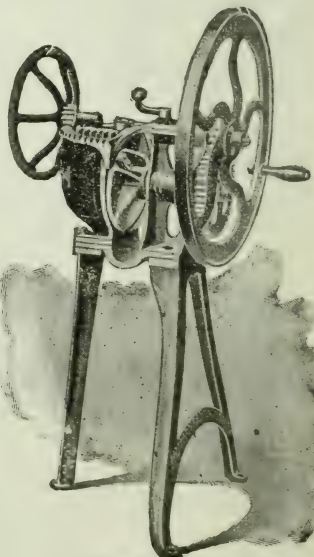


## Schild's Lightning Poultry Bit

Our Lightning Poultry Bit is guaranteed to stop feather pulling the moment it is applied. It keeps the points of the fowl's bill just far enough apart so that it cannot grasp a feather. It does not make the mouth sore, does not pinch or bind, does not interfere with eating or drinking, and does not spoil the appearance of the finest exhibition birds. It is especially valuable to breeders of fine poultry and is generally used by them. Price, each, 10c; 3 for 25c; dozen, 75c.

## Humphrey Bone Cutter

The Humphrey is a more strongly built and heavier machine than any other selling at the same price. It has a large open hopper, ready for large bones at any time. Powerfully back-gearred; heavy balance wheel. Four heavy corrugated knives (oil-tempered), bolted to cutter head, 9 inches in diameter. Bolts furnished with check nuts to prevent knives from loosening. Immense clearance back of cutting knife makes clogging impossible. Price, \$12.00.



Humphrey Cutter

## Model Grinding Mill

An improved hand power grinding mill of new and elegant design.

They are intended to grind all kinds of grain, dry bone, shells, roots, bark, salt, etc.

They are the best all-around family mill, producing cracked wheat, graham flour and corn meal for the family at the slightest cost, producing cracked or ground corn or other grain of any fineness necessary for feeding to the young chicks and the coarse for the grown fowls; all so easily controlled and adjusted, leaving nothing to be desired.

### LIST OF SIZES, WEIGHTS AND PRICES

No.	Height	Width	Wheel	Weight	Price
1 ½	13	8 ¼	12 ½	20 lbs.	\$2 50
2	16	9 ½	16 ½	35 lbs.	5 00
3	18 ½	12 ¼	19 ¾	63 lbs.	7 50

## Poultry Supplies

### Farmers' Friend Egg Carrier

IS THE most useful and convenient article that a farmer or poultryman can have. Each one will carry safely 12 dozen eggs. Price, 50 cents each.

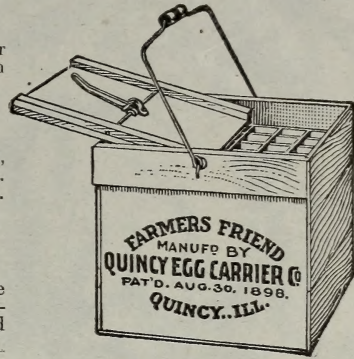
### Sanitary Brood Coops

A galvanized iron sectional Coop. Water-proof, fire-proof, rat-proof. The only coop on the market that is strictly first-class. Size, 17½ inches wide, 16 inches high, 23 inches long. Price, \$2.25.

### Poultry Carriers

Carry your pet stock in a safe way.

Poultry Carrier is made of canvas. The top and bottom are made of wood. The top board has holes with cross wire for ventilating so your pet stock can rest comfortable. The sides and ends are canvas. Price, 35c to 75c each.



### Chicken Leg Bands



Improved Champion Leg Band

**Improved Champion**—These bands never come off. Made of aluminum and copper; numbered from 1 up. Always retain their color. (See cut.) Price, 12 for 15c; 25 for 25c; 50 for 45c; 100 for 75c.

We also carry Pigeon Leg Bands and other styles and Security Sealed Leg Bands for poultry.

### Medicated Nest Eggs

Perfect imitation of eggs composed of disinfectants that will drive away all mites, lice and other vermin. Price, each, 5c; dozen, 50c.

**CHINA NEST EGGS**—Price, 3 for 5 cents; per dozen, 15c.

**CHAMPION CHICK MARKER**—Makes a small hole in web of foot between toes. A very convenient punch. Price, 25c.

**CAPONIZING INSTRUMENTS**—Furnished with full instructions, so that any one can easily perform the operation. Price, per set, \$2.50.

**THERMOMETERS FOR INCUBATORS**—Tested. Price, each, 75c. All glass Thermometers, \$1.00 each. Brooder Thermometers, 50c each.

We carry a full line of

### Conkey's Remedies

Roup Cure, Bronchitis Cure, Cholera Cure, Gape Cure, Chicken Pox Cure, Limber Neck Cure, Scaly Leg Cure, Rheumatic Cure, Healing Salve, Poultry Tonic, Laying Tonic, 1½ pounds; Lice Powder; Lice Liquid, 1 quart; Head Lice Ointment; Nox-i-cide, 1 pint; Fly Knocker, 1 quart.

Conkey's book on diseases of poultry free at our store or sent by mail on receipt of 4 cents in postage.

### Pratt's Poultry Regulator and Condition Powder

Trial packages: 26 oz., 25c; 4 lbs., 50c.

### Rust's Havens Climax Condition Powder

The only positive preventative and cure for gapes and poultry cholera. Price, 14 oz. package, 25c; 32-oz., 50c; 5-lb. box (equal to six 25c packages) \$1.00.

### Rust's Havens Roup Pills

For the cure of roup, catarrh, cold and distemper. Price, box, 25c.

### Rust's Egg Producer

This preparation supplies just what nature needs for producing eggs, plumage, growth and development, and in the exact proportions required. It imparts vitality, so that the eggs surely hatch lively chickens. Price, 1-lb. package, 25c; 2½-lb. package, 50c; 6-lb. package, \$1.00.

### Sprayers that Spray

For disinfecting and whitewashing poultry houses, green houses, etc. We carry more than 20 different styles.

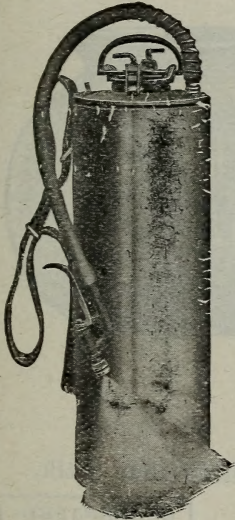
**AUTO COMPRESSED AIR SPRAYER**—A good high class machine; none better. Galvanized, \$4.50. Brass, \$6.65. Fitted with Auto Pop Nozzle, \$1.35 extra.



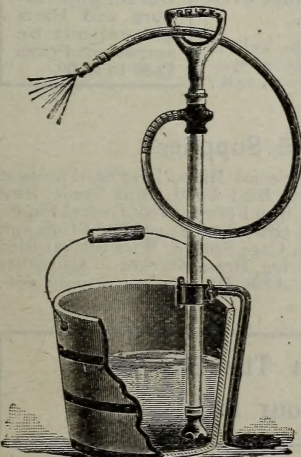
The Lightning Hand Sprayer

**LIGHTNING HAND SPRAYER.** The best small hand sprayer made; gives a fine spray. Only 45c ea.

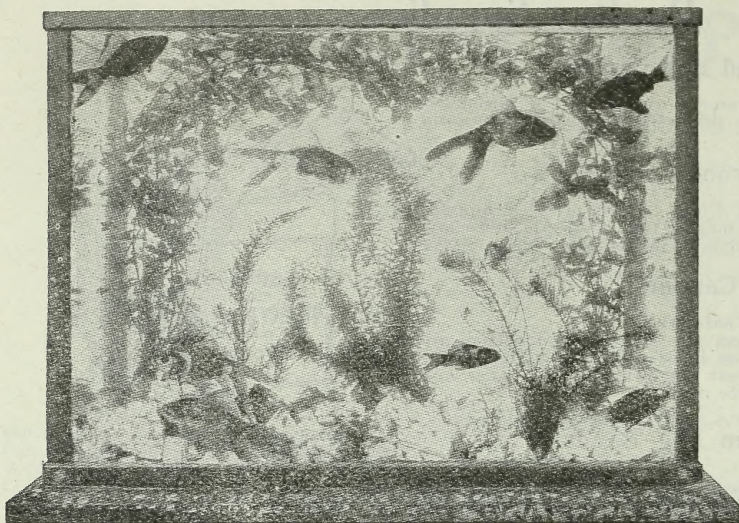
**PRIZE BRASS PUMP.** Nothing better to white-wash poultry houses, coops, etc. Each, \$3.00.



Auto with Pop Attachment



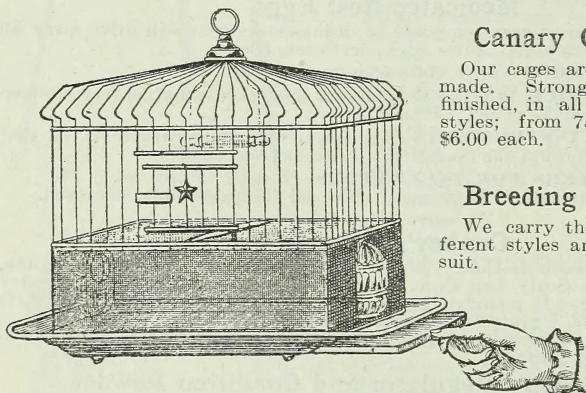
Prize Brass Spray Pump



Fish Globes and Aquariums of all styles and sizes made of the best glass.

## FANCY GOLD FISH

**F**ISH are the greatest puzzle of any pets we have, no one has as yet ever been able to fully determine the exact nature of these little silent creatures. It matters not what hour of the day or night, they may be seen silently darting through the water here and there with seemingly never a thought of the outside world. While fish are unable to demonstrate their appreciation of their keeper's kindness, nevertheless one becomes so attached to them that it is almost impossible to part with them when once they have been displayed in your home. We handle thousands of fancy imported specimens and we can supply you at all times with a collection of fish such as your heart desires.



### Canary Cages

Our cages are the best made. Strong and well finished, in all sizes and styles; from 75 cents to \$6.00 each.

### Breeding Cages

We carry these in different styles and sizes to suit.



## Birds that Sing and Birds that Talk.

The World Renowned

### LEIPZIG CANARY

The greatest of all singing birds. The sweetest melodious voice ever chirped. At \$10.00 each.

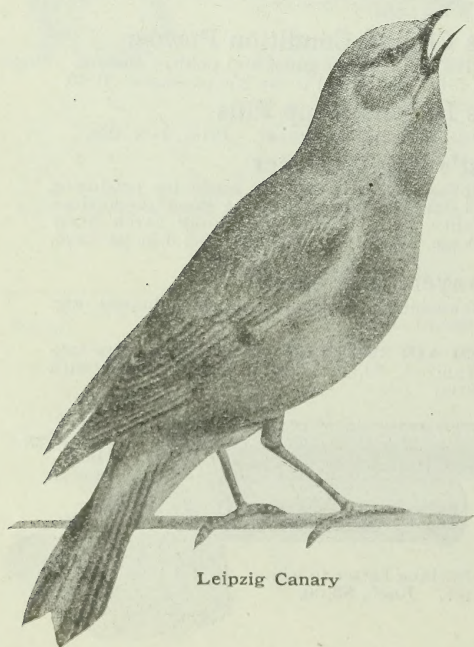
**PARROTS**—Mexican Double Yellow Heads, Mexican Red Heads a specialty. We guarantee them to talk.

**GUARANTEED-  
TO-SING  
CANARIES**

Our St. Andreasburg and Hartz Mt. cannot be surpassed. Prices \$2.50 to \$5.00.

### Bird Supplies

**A**LWAYS use our Special Mixed Bird Seed for best results. Mocking Bird Food, Bird Tonic, Bird Treat, Song Restorer, Sun Flower Seed, Gravel Paper, Meal, Worms, Parrot Grit, Seed Cups, Food Cup and Holder, Bird Nesting, Cage Spring, Wire Swivel Bird Nest, Double Cage Spring, Brass Bracket. Also other miscellaneous items—**ASK US**—we can supply you.



Leipzig Canary

**Be Sure to Get The Best Foods  
for Your Bird**



